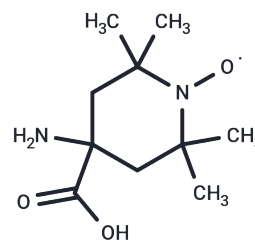


2,2,6,6-Tetramethylpiperidine-N-oxyl-4-amino-4-carboxylic acid

Chemical Properties

CAS No. :	15871-57-5
Formula:	C ₁₀ H ₁₉ N ₂ O ₃
Molecular Weight:	215.27
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	2,2,6,6-Tetramethylpiperidine-N-oxyl-4-amino-4-carboxylic acid (TOAC) is a compound that can probe conformational changes, folding processes, and interactions of peptides and proteins. It is commonly utilized in biological research to gain insights into the behavior and function of biological macromolecules. TOAC plays a significant role in analyzing the interactions and dynamic responses of biological systems.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.6453 mL	23.2266 mL	46.4533 mL
5 mM	0.9291 mL	4.6453 mL	9.2907 mL
10 mM	0.4645 mL	2.3227 mL	4.6453 mL
50 mM	0.0929 mL	0.4645 mL	0.9291 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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